



Weekly Crop & Weather Roundup



Cooperating with the Pennsylvania Department of Agriculture
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Week Ending June 30, 2013

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This report can be found on the Internet at www.nass.usda.gov/pa and click on "Pennsylvania Publications."

Poor Week for Field Work: Pennsylvania had an average of 2 days suitable for field work. This week Pennsylvania saw several hot, humid days with many thunderstorms and lots of rain. Some storms were so strong that tornados were reports in Centre and Perry Counties while high winds and flooding damaged many crops. There were reports that some fields were flooded, with massive runoff and erosion occurring in other fields. Winds were so high in some areas that fields of wheat and other crops were flattened. The excessive moisture has caused some concerns with crops as they are starting to turn yellow from having too much moisture in the soil. The moisture, heat and humidity have done wonders for corn and soybeans though, as they really began to grow in height this past week, almost doubling in height. Very little hay or forage cutting was done this week because of the constant threat of storms and the wet conditions. Fruit trees are looking good but there is some damage showing from the cold temperatures in May. Overall, it was a slow week for farmers in Pennsylvania as they tried to get work done while dodging rain and thunderstorms. Field activities for the week, when weather allowed, included finishing planting; cutting alfalfa, hay and other forage; harvesting barley, side dressing fields with nitrogen and applying other fertilizer, mowing pastures, spraying herbicides and pesticides.

PA Topsoil Moisture for Week Ending June 30, 2013

Very Short	Short	Adequate	Surplus
Percent	Percent	Percent	Percent
0	2	48	50

Crop Progress: Corn is at 31 inches in height, which is behind progress at this time last year of 41 inches and the 5-year average of 34 inches in height. Barley is 93% ripe, which is behind progress at this time last year of 98% and the 5-year average of 96% ripe. Barley is 48% harvested, which is behind progress at this time last year of 93% and the 5-year average of 78% harvested. Winter wheat is 96% yellow, which is ahead of progress at this time last year of 94% and the 5-year average of 92% yellow. Winter wheat is 16% ripe, which is behind progress at this time last year of 69% and the 5-year average of 48% ripe. Oats are 92% headed, which is the same as the progress at this time last year of 92% but ahead of the 5-year average of 80% headed. Soybeans are 95% emerged, which is the same as the progress at this time last year of 95% but ahead of the 5-year average of 88% planted. Alfalfa first cutting is 95% cut, which is behind progress at this time last year of 99% but behind the 5-year average of 96% cut. Alfalfa second cutting is 33% cut, which is behind progress at this time last year of 64% and the 5-year average of 44% cut. Timothy/Clover first cutting is 85% cut, which is behind progress at this time last year of 97% but ahead of the 5-year average of 84% cut.

Crop Condition: Corn conditions are; 0% very poor, 1% poor, 12% fair, 72% good, and 15% excellent. Winter wheat conditions are; 0% very poor, 5% poor, 25% fair, 46% good, and 24% excellent. Oats conditions are; 0% very poor, 0% poor, 17% fair, 61% good, and 22% excellent. Soybean conditions are; 0% very poor, 0% poor, 18% fair, 57% good, and 25% excellent. Alfalfa stand conditions are; 0% very poor, 1% poor, 16% fair, 66% good, and 17% excellent. Timothy/Clover stand conditions are; 0% very poor, 3% poor, 16% fair, 66% good, and 15% excellent. Quality of Hay made conditions are; 0% very poor, 13% poor, 29% fair, 48% good and 10% excellent. Pasture conditions are; 0% very poor, 4% poor, 37% fair, 54% good and 5% excellent. Peaches conditions are; 0% very poor, 0% poor, 1%

fair, 62% good and 37% excellent. Apples conditions are; 0% very poor, 0% poor, 8% fair, 46% good and 46% excellent.

Nationwide as of June 23, 2013: Near- to above-average temperatures blanketed the nation's mid section, while cooler-than normal weather dominated both coasts during the week. Most notably, weekly temperatures in the Great Basin averaged more than 6°F below normal, providing relief from record-setting temperatures earlier this month. Persistently dry weather exacerbated drought conditions in much of the Southwest and Four Corners regions, while above-average rainfall lingered in the northern Great Plains, where planting and crop developmental delays continued. Corn: By week's end, 96 percent of this year's corn crop had emerged, 4 percentage points behind last year and 3 points behind the 5-year average. Warmer, drier weather in portions of the Corn Belt not only benefited the developing crop, but also provided producers with time to plant their remaining acreage during the week. Overall, 65 percent of the corn crop was reported in good to excellent condition, up slightly from last week and 9 percentage points above the same time last year. Soybeans: By June 23, producers had planted 92 percent of the soybean crop. This was 7 percentage points behind last year and 3 points behind the 5-year average. In Indiana, favorable early-week weather allowed producers time to complete a variety of fieldwork that had previously been delayed by prolonged rainfall and saturated soils. Nationally, 81 percent of the soybean crop had emerged by week's end, 17 percentage points behind last year and 8 points behind the 5-year average. Heavy rainfall in portions of the northern Great Plains led to localized flooding and some crop damage during the week. Overall, 65 percent of the soybean crop was reported in good to excellent condition, up slightly from last week and 12 percentage points above the same time last year. Winter Wheat: Ninety-five percent of the winter wheat crop was at or beyond the heading stage by week's end, 2 percentage points behind last year but on par with the 5-year average. In Kansas, where above-average temperatures and windy conditions promoted rapid crop maturation, 92 percent of the winter wheat crop was reported to be turning color, with 47 percent ripe. Nationwide, 20 percent of this year's winter wheat crop was harvested by June 23, forty-three percentage points behind last year and 17 points behind the 5-year average. Overall, 32 percent of the winter wheat crop was reported in good to excellent condition, up slightly from last week but 22 percentage points below the same time last year. Other Small Grains: By week's end, 53 percent of the oat crop was at or beyond the heading stage, 35 percentage points behind last year and 12 points behind the 5-year average. In Wisconsin, some oat fields were being chopped for forage during the week. Overall, 57 percent of the oat crop was reported in good to excellent condition, unchanged from last week but 12 percentage points below the same time last year. Ninety-three percent of the barley crop had been sown by June 23, seven percentage points behind last year and 5 points behind the 5-year average. Seeding was complete in Idaho, Minnesota, Montana, and Washington, but additional rainfall in North Dakota limited progress— with only an additional 3 percent sown during the week. Nationally, 91 percent of the barley crop had emerged by week's end, 9 percentage points behind last year and 6 points behind the 5-year average. Overall, 69 percent of the barley crop was reported in good to excellent condition, up 2 percentage points from last week and 3 points better than the same time last year.

Weather Data For Week Ending June 30, 2013

Station	Last Week Weather Summary						April 1 - June 30, 2013					
	Temperature				Precipitation		Precipitation			GDD Base 50F		Base 40F
	High	Low	Average	DFN	Total	Days	Total	DFN	Days	Total	DFN	Total
Northwest												
Erie	86	63	73	5	2.01	3	15.44	4.67	41	1,007	242	1,766
Franklin_AG	90	61	73	6	3.24	5	13.86	1.85	43	986	249	1,736
Meadville-Port	88	59	73	6	2.84	5	12.18	0.57	45	1,025	364	1,794
Clarion	87	58	71	3	3.44	5	12.42	-0.39	40	826	51	1,552
Springboro	87	59	72	4	3.11	4	15.62	5.26	40	872	92	1,596
Warren	89	60	72	5	1.55	4	11.40	-1.00	44	887	177	1,625
North Central												
Bradford Region	86	57	69	7	0.63	4	11.41	-1.10	46	814	324	1,548
Oswayo	87	56	70	6	0.84	5	9.35	-2.78	36	672	100	1,363
Kane	86	56	68	6	1.99	4	15.60	2.99	42	652	170	1,345
Laporte	84	58	70	3	3.84	5	15.08	3.22	38	694	-40	1,408
Lock Haven	93	60	74	6	1.68	2	10.73	-0.69	29	995	197	1,772
Coudersport_1SW	88	57	69	5	0.59	4	10.36	-1.77	43	669	97	1,370
Renovo	91	62	74	5	0.82	3	10.59	-0.83	34	999	201	1,767
Ridgway	88	53	70	6	2.66	5	12.88	0.37	42	814	256	1,533
Stevenson Dam	90	60	72	8	1.21	4	8.87	-3.64	33	886	328	1,630
Towanda	90	59	73	6	3.37	6	11.25	1.38	30	827	79	1,578
Wellsboro	86	55	69	6	0.88	6	10.65	0.88	40	680	167	1,397
Williamsport	93	62	75	6	1.26	2	10.84	-0.57	29	1,092	183	1,904
Northeast												
Hawley	89	59	73	8	3.58	5	15.31	4.12	37	734	133	1,454
Wilkes-Barre/Sc	90	63	75	6	2.09	4	10.13	-0.47	31	1,033	186	1,832
Susquehanna	88	60	73	8	3.80	7	13.72	1.94	34	777	205	1,518
West Central												
Butler	88	61	73	5	3.77	6	12.83	1.19	41	982	203	1,736
New Castle	88	60	73	5	2.72	5	11.20	0.59	34	1,020	240	1,784
Slippery Rock	90	59	73	7	2.00	5	10.43	-0.93	34	1,029	330	1,785
Central												
Altoona/Blair	88	59	73	5	2.19	5	10.17	-0.60	38	1,090	226	1,889
DuBois	87	56	71	5	2.13	4	9.07	-3.00	37	995	273	1,759
Lewistown	91	60	76	5	1.43	6	9.18	-2.19	37	1,130	174	1,951
Middletown	92	67	78	5	0.75	5	8.76	-2.59	40	1,234	143	2,079
Prince Gallitzi	87	55	71	6	3.20	5	10.59	-2.78	37	921	269	1,684
Selinsgrove	91	63	75	6	2.97	6	13.80	2.24	31	1,015	141	1,813
State College	89	60	73	4	5.13	5	14.06	3.49	35	1,040	194	1,832
East Central												
Allentown-Bethel	92	64	77	6	0.34	2	12.17	0.70	32	1,138	156	1,967
Lehighton	89	64	74	3	4.54	3	14.29	2.80	34	925	-11	1,728
Matamoras	90	64	75	6	2.53	5	15.54	3.39	35	920	88	1,710
Mt_Pocono	86	60	72	9	2.00	4	15.64	2.86	36	761	252	1,493
Southwest												
Pittsburgh/Alle	89	60	75	6	2.40	4	10.95	-0.23	35	1,276	410	2,092
Indiana_PA	88	59	72	4	3.40	6	11.97	-0.72	40	1,081	242	1,871
Myersdale	85	54	69	2	1.45	6	10.28	-1.97	44	804	30	1,539
Chalk_Hill	87	54	69	-3	3.67	6	13.02	0.81	44	855	-94	1,591
Pittsburgh Intl	88	61	74	4	2.44	4	10.96	0.51	36	1,226	307	2,029
Connellsville	89	60	74	4	3.36	6	12.07	-0.14	48	1,062	113	1,848
Waynesburg	87	58	71	3	2.62	5	10.93	-0.32	40	1,029	196	1,807
South Central												
Biglerville	90	63	76	4	0.66	2	10.13	-0.50	33	1,155	74	1,984
Everett	88	57	72	3	1.67	3	9.84	-0.41	38	950	114	1,731
Hanover	91	63	76	4	2.05	5	10.63	0.00	40	1,137	56	1,963
Harrisburg_AP	92	65	77	4	1.33	5	9.73	-1.62	41	1,233	135	2,083
South Mountain	85	60	72	3	1.08	5	12.35	1.58	39	896	39	1,678
York	90	64	76	4	0.79	6	9.05	-2.53	37	1,163	77	1,977
Southeast												
Green Lane	91	65	77	7	2.35	4	14.33	3.28	34	1,113	189	1,942
Hamburg	92	65	77	8	2.08	5	12.51	-0.92	39	1,106	286	1,931
West_Chester	91	61	77	5	1.72	6	17.06	4.66	37	1,105	40	1,927
Lancaster	90	64	76	5	1.23	4	11.32	-0.05	36	1,135	149	1,955
Neshaminy Falls	92	64	78	7	1.75	6	14.89	2.38	36	1,180	198	2,022
New Holland	93	64	78	7	1.44	5	13.49	2.12	35	1,235	249	2,081
Philadelphia	93	70	81	7	1.80	5	15.84	4.73	35	1,427	263	2,295
Philadelphia NE	93	68	80	6	1.05	6	14.20	3.09	37	1,254	90	2,103
Reading	94	67	79	8	0.91	3	11.97	-0.52	32	1,279	324	2,130
Sellersville	89	64	77	6	1.05	3	15.92	4.87	31	1,052	128	1,860
Doylestown_AG	92	66	79	7	1.17	4	16.10	3.59	32	1,193	211	2,031

DFN = Departure from normal (using 1961-90 normals period).

Precipitation (rainfall or melted snow or ice) and pan evaporation in inches.

Precipitation days = days with precipitation of .01 inch or more.

Air temperatures in degrees fahrenheit.

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REPORTERS COMMENTS, By County

Reporters are from Extension Service (Ext), Natural Resources Conservation Service (NRCS), Farm Service Agency (FSA), Conservation District (CD), farmers, commodity specialists, or other knowledgeable individuals.

ADAMS County, Judy A Behney

Adams County had a pretty warm week of weather. Very sporadic rain fell in parts of the county, mostly in the evenings when black clouds rolled into the county. Corn planting is pretty much done but soybeans are still being planted after barley and wheat are harvested. Corn is taking off pretty good and growing now while soybeans are emerging but seem like they are taking longer to get any height. Barley harvest is about complete with most producers reporting low test weights and not very good yields. Some wheat is starting to be harvested in the county and more will be in next week. Hay continues to be made when weather permits. Quality of hay may be affected with the sporadic rains the county is receiving. Most producers are behind in hay making this year due to weather and some is lodged from wind/rain we got.

Fruit crops seem to be doing ok for now. Some peaches, apples and cherries were affected with cold temperatures in May which will affect the yields. Sweet cherries are being harvested this past week and tart cherry harvest will start July 1. Some producers are reporting good crop of cherries and others not so good. All depends on location and weather conditions. Vegetables are coming along now too with some still being planted. Some sweet corn planted early will be ready in the next week.

CAMBRIA County, Dolly Little

Between the heavy downpours all week and Tuesday's high winds the wheat took a beating. Approximately 30 to 40% of the wheat was flattened. The soils are so saturated that the rains are just running down the fields and roads. Very little time between the rains to dry out the fields. The crops are sitting in very wet fields and starting to turn yellow from all the moisture. The wheat needs about another week before harvest begins, hopefully the rains will stop for harvest.

CENTRE County, Dick Decker

Wet week, time to catch up on farm work. 4 inches of rain in my gage for the week.

CLARION County, Tom Tanne

Clarion - Venangp - Forest - Warren Counties had rain all week. The counties have had about 12 inches of rain fall throughout the week. Crops are turning yellow.

CRAWFORD County, Ron McCorkle (NRCS)

Rain all week put a halt to dry hay making. As always the gravelly soils have the better crops with the heavier soils in the county showing signs of yellowing from the saturated soils. Pastures are aided by the rains however any concentrated livestock area turns to mud quickly.

FRANKLIN County, Thomas Kerr

Showers and high humidity made hay making this week difficult. Excellent weather for corn and beans, looks like some corn doubled in height this week. Finished barley harvest for most of the area. Wheat is beginning to look like it will be less than normal yield and quality.

LEBANON County, Charlene Ziegler

Rain and thunderstorms were prevalent this week. Barley was harvested and soybeans planted as soon as the straw was baled. There is lodging in some grain fields. The corn has doubled in height. Soybean plants have benefitted from the moisture also. Unfortunately the weather held up the second cutting of alfalfa for some farmers.

MERCER County, James P. Rust

We received 2.7 inches of rainfall this past week with most rainfall being nice and gentle for best soaking results. No hay was made last week along with no field work. Sweet corn growers have been unable to plant the late plantings of sweet corn. Many soybean fields still are needing roundup sprayed.

POTTER County, Nicole Santangelo

Very dry early in the week. Showers helped recover soil moisture and little evidence of drought stress in Northern PA due to timely rain events.

SNYDER County, William C. Sheaffer

Rainfall amounts in the range of two to five inches for the week put a halt to any field activities. The crops in the poorly drained areas are beginning to show signs of stress. The field activities for the week were confined to spraying and repairing erosion damage.

UNION County, James Brubaker

Excellent growing weather, with over 2" of rain this past week which came at various different rain events. Corn and beans look good.

WESTMORELAND County, John Lohr

Got some much needed rain Tuesday evening with additional rainfall every day for the rest of the week. Hay making has ground to a halt again. Wheat is ripening and in need of dry conditions. Corn and soybeans look great.

PA Crop Progress for Week Ending June 30, 2013

Crop	Current Week	Last Year	5-Year Average
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn average height, inches	31	41	34
Barley, ripe	93	98	96
Barley, harvested	48	93	78
Wheat, turning yellow	96	94	92
Wheat, ripe	16	69	48
Oats, heading or headed	92	92	80
Soybeans, emerged	95	95	88
Alfalfa, 1st cutting	95	99	96
Alfalfa, 2nd cutting	33	64	44
Timothy clover, 1st cutting	85	97	84

PA Crop Condition for Week Ending June 30, 2013

Crop	Very Poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn	0	1	12	72	15
Wheat	0	5	25	46	24
Oats	0	0	17	61	22
Soybeans	0	0	18	57	25
Alfalfa and alfalfa mixtures stand	0	1	16	66	17
Timothy clover stand	0	3	16	66	15
Quality of hay made	0	13	29	48	10
Pasture	0	4	37	54	5
Peaches	0	0	1	62	37
Apples	0	0	8	46	46

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